

Asphalt Plant - Lot Verification and Pay Factor Worksheet for Open Graded Mixtures

Project Information

Specification Version
07/01/02

Contractor: Caledonia Paving 1				Fin. Project ID: 123456-7-89-10 2	
Mix Type: 12.5 3	Design No.: 01-2345 4	Plant No.: A0707 5	Reported By: JCW 6	Date Reported: 2/2/2002 7	
LOT #: 1 8	Lot Size: 2000 9	ons/sublot: 500 10	Start Date: 1/18 11	End Date: 2/19 12	
Verification subplot: 4 13		Proj. Description: The Road to Dundee 14			

Lot Verification

Property	P _{3/8}	P _{#4}	P _{#8}	P _b
QC 15	59.44	22.00	12.16	7.44
Verification 16	50.00	20.00	10.00	7.00
Difference	9.44	2.00	2.16	0.44
Average	54.72	21.00	11.08	7.22
Max Diff	9.45	3.90	2.16	0.44
Tolerance	IN	IN	IN	IN

Lot Pay Factor Calculations

Property	P _{3/8}	P _{#4}	P _{#8}	P _b
Sublot 1 17	50.00	20.00	10.00	8.00
Sublot 2	51.00	21.00	11.00	8.10
Sublot 3	50.00	20.00	10.00	8.00
Sublot 4	51.00	21.00	11.00	8.10
Sublot 5	50.00	20.00	10.00	8.00
Sublot 6	51.00	21.00	11.00	8.10
Target 18	50.0	20.0	10.0	8.0
n=	6.00	6.00	6.00	6.00
Mean	50.50	20.50	10.50	8.05
SD	0.548	0.548	0.548	0.055
Qu	10.04	7.30	3.65	7.30
%U	100.00	100.00	100.00	100.00
Ql	11.87	9.13	5.48	9.13
%L	100.00	100.00	100.00	100.00
Qual	100.00	100.00	100.00	100.00
PF	1.05	1.05	1.05	1.05

Note: Sublot values which appear in RED are outside of the Master Production Range as specified in Table 337-2, refer to 337-6.3.1.

Composite Pay Factor

1.05

Comments: 19

Qualified Technician 20

Qualified Technician ID # 21

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INSTRUCTIONS

- 1 Contractor** - Enter the name of the Contractor producing the mix.
- 2 Fin. Project ID** - Enter the Financial Project ID on which the sampled material was placed.
- 3 Type of Mix** - Enter the mix design number of the mix being produced. Example SP 9.5, SP 12.5, SP 19.0.
- 4 Mix Design No.** - Enter the mix design number of the mix being produced. Example: 02-6899, 02-8528B.
- 5 Plant No.** - Enter the identification number assigned to each approved asphalt plant producing asphalt for the Department.
- 6 Reported By** - Enter the initials of the person filling out this worksheet.
- 7 Date Reported** - Enter the date this worksheet is filled out.
- 8 Lot Number** - Enter the appropriate lot number represented by this worksheet.
- 9 Lot Size.** - Enter the intended number of tons for this lot (2000 or 4000).
- 10 Tons per subplot.** - Enter the number of tons per subplot for this lot (500 or 1000).
- 11 Start Date** - Enter the date production began for this lot.
- 12 End Date** - Enter the date production ended for this lot .
- 13 Verification subplot** - Enter the subplot number selected for verification according the random number sheet.
- 14 Project Description** - Include the SR No., US No., beginning and ending limits. Example: *SR 5, US1, Canal Bridge to Main Street.*

Lot Verification

- 15 QC Sublot Data** - Enter the individual QC test results for each property from the verification subplot.
- 16 VT Sublot Data** - Enter the individual VT test results for each property from the verification subplot.

Pay Factor Calculations

- 17 QC Sublot Data** - Enter the verified individual QC/Resolution test results for each property.
- 18 Target Values** - Enter the target value for each property from the Mix Design.
- 19 Comments** - Enter any comments or notes pertaining to the this lot. Leave blank if there are no comments.
- 20 Qualified Technician** - Enter the name of the person filling out this report.
- 21 Qualified Technician ID#** - Enter the TIN number of the person filling out this report.